

Recombinant Human CDH23 Protein

Cat. No. CDH23-0986H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDH23 full-length ORF (ADZ15527.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the cadherin superfamily, whose genes encode calcium dependent cell-cell adhesion glycoproteins. The encoded protein is thought to be involved in stereocilia organization and hair bundle formation. The gene is located in a region containing the human deafness loci DFNB12 and USH1D. Usher syndrome 1D and nonsyndromic autosomal recessive deafness DFNB12 are caused by allelic mutations of this cadherin-like gene. Upregulation of this gene may also be associated with breast cancer. Alternative splice variants encoding different isoforms have been described. [provided by RefSeq, May 2013]
Form	Liquid
Molecular Mass	116.8 kDa
AA Sequence	MGRHVATSCHVAWLLVLISGCWGQVNRLPFFTNIHFFDTYLLISEDTPVGSSVTQLLA QDMDNDPLVFGVSGEEASRFFAVEPDTGVVWLRQPLDRETKSEFTVEFSVSDHQG VITRKVNIQVGDVNDNAPT FHNQPYSVRIPENTPVGTPIFIVNATDPDLGAGGSVLYS FQPPSQFFAIDSARGIVTVIRELDYETTQAYQLTVNATDQDKTRPLSTLANLAIITDVQ DMDPIFINLPYSTNIYEHSPPGTTVRIITAIQDKGRPRGIGYTIVSGNTNSIFALDYISG VLTNLGLLDRENPLYSHGFILTVKGTELNDRTPSDATVTTTFNIIIVIDINDNAPEFNS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SEYSVAITELAQVGFALPLFIQVVDKDENLGLNSMFEVYLVGNNSHHFIISPTSVQ GK
 ADIRIRVAIPLDYETVDRYDFDLFANESVPDHSVGYAKVKITLINENDNRPIFSQPLYNIS
 LYENVTVGTSVLTVLATDNDAGTFGEVSYFFSDDPDRFSLDKDTGLIMLIARLDYELI
 QRFTLTIIARDGGGEETTGRVRINVLDVNDNVPTFQKDAYVGALRENEPSVTQLVRL
 RATDEDSPPNNQITYSIVSASAFGSYFDISLYEGYGVISVSRPLDYEQISNGLIYLTVM
 AMDAGNPPLNSTVPVTIEVFDENDNPPTFSKPAYFVSVVENIMAGATVLFNLATDLD
 RSREYGQESIYSLEGSTQFRINARSGEITTTSLLDRETKSEYILIVRAVDGGVGHNQK
 TGIATVNITLLDINDNHPTWKDAPYYINLVEMTPPDSVTTTVAVDPDLGENGTLVYSI
 QPPNKFYSLNSTTGKIRTTHAMLDRENPD PHEAELMRKIVVSVTDCGRPPLKATSSA
 TVFVNLLDLNDNDPTFQNLPFVAEVLEGIPAGVSIYQVVAIDLDEGLNGLVSYRMPVG
 MPRMDFLINSSSGVVVTTTELD RERIAEYQLRVVASDAGTPTKSSTSTLTIHVLDVND
 ETPTFFPAVYNVSVSEDPREFRVWLNCTDNDVGLNAELSYFITGAAPASAHLCRP
 PGALPPPLPDGQPD

Applications

Antibody Production
 Functional Study
 Compound Screening

Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION
Gene Name

CDH23 cadherin-related 23 [Homo sapiens]

Official Symbol

CDH23

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	CDH23; cadherin-related 23; cadherin related 23, cadherin like 23, DFNB12, USH1D; cadherin-23; cadherin related family member 23; CDHR23; otocadherin; cadherin-like 23; cadherin-related family member 23; USH1D; FLJ00233; FLJ36499; KIAA1774; KIAA1812; MGC102761; DKFZp434P2350;
Gene ID	64072
mRNA Refseq	NM_001171930
Protein Refseq	NP_001165401
MIM	605516
UniProt ID	Q9H251

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA